
**Wide Area Workflow (WAWF)
Interface Control Document (ICD)**

Appendix R

856 – WAWF EDI Implementation Guide

Fed IC: To Be Determined

**Version
3.0.7**

March 2005

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History Page

<i>Version</i>	<i>Date</i>	<i>Status</i>	<i>Change Description</i>
3.0.7- 1	09/23/04`	Draft	RFID data reporting added.
3.0.7-2	09/28/04	Draft	SDQ segment, added note that this segment can repeat and there can be up to 25 instances in WAWF.
3.0.7-3	10/11/04	Draft	BSN07 changed from M (mandatory) to O (optional).
3.0.7-4	10/13/04	Draft	BSN05 changed to Not used.
3.0.7-5	10/14/04	Draft	BAZ74, SLN16, changed D2 code for IAC to LD, updated samples as well.
3.0.7-6	10/14/04	Draft	ECP0040 LQ02, Deleted note below: SAMMS-BSM: Can only be Source/Source. Mandatory for Receiving Reports Modified note to read: MOCAS, CAPS-C/D/W, ONE-PAY, IAPS/IAPS-E, SAMMS/BSM: Can be Source/Source, Source/Destination, or Destination/Destination. These are mandatory for Receiving Reports.
3.0.7-7	10/14/04	Draft	OAT WAWF-RA_PR_411 REF Segment, Pos. 180 REF02 notes section, added note: Added notes: If MILSTRIPs are sent in lowercase characters, then they will be converted to uppercase characters. Duplicate MILSTRIPs are not allowed for line items. "NONE" can only be sent as a MILSTRIP once per line item and "NONE" cannot be the only MILSTRIP for a line item. MILSTRIPs are only allowed for CLIN/SLIN type line items.
3.0.7-8	11/02/04	Draft	ECP0040BSN Segment, Pos. 020, revised BSN01 and BSN07. HL Segment, Pos. 010, added HL03 = P. Deleted sample HL^5^2^P^0, added HL^5^2^P. REF Segment, Pos. 150, added JH code to REF01 and RFID Tag ID note to REF03. SDQ Segment, Pos. 290, added for CLIN/RFID information.
3.0.7-9	11/09/04	Draft	DOM150 – Added Website information for detailed UID & RFID information to General Instructions page.

3.0.7-10	11/10/04	Draft	PMO_BAZ74-FTP/EDI_V307 SLN Segment, SLN12, added text to notes column: EID must be 6 characters if IAC (SLN16) is "LD" denoting a DoDAAC.
3.0.7-11	11/22/04	Draft	WAWF-RA_SIT_PR_13 SDQ Segment, Changed Quantity Field sizes to 1/11 and Types to R 8.2.
3.0.7-12	12/01/04	Draft	MUC19 HL Segment, Pos. 010 Revised HL04 to read 1 instead of 0 in 2 places: <u>Single CLIN in a Single Case</u> Deleted: HL^3^2^I^0 Revised: HL^3^2^I^1 <u>Single CLIN in Multiple Cases within an Outer Case</u> Deleted: HL^3^2^I^0 Revised: HL^3^2^I^1
3.0.7-13	12/22/04	Draft	WAWF-RA_OAT_PRDOM 155 PRF Segment, PRF01, added DSS information and in Notes section, added: DSS: Contract Number must be 13 alphanumeric characters with no spaces, 7 th and 8 th position must be numeric, 9 th position must be an alpha character. If; the letters "A," "D," or "G" are entered in the 9 th position, a Delivery Order Number is required. The letters "O" and "I" may not be used within the Contract Number.
3.0.7-14	12/22/04	Draft	WAWF-RA_OAT_PR_84 AJS57_Guides BSN Segment, BSN02, added "DSS" to Notes column after the word "MOCAS." BSN Segment, added to Notes section: DSS: Shipment Number in BSN02 must be 7 or 8 characters, the first 7 characters must be in the format of 3 alpha characters, an alphanumeric, then 3 numeric characters. (Sample: DCME778). The 8 th position must be an alpha character and any letter "A" through "Z."
3.0.7-15	12/27/04	Draft	WAWF-RA_OAT_PR_84 AJS57_Guides BSN Segment, added to Notes section: If a "Z," the Final Shipment Indicator must be set to a "Y." If the Final Shipment Indicator is not set to a "Y" then WAWF will set the Final Shipment Indicator to a "Y" and provide a modification message back to the user.

3.0.7-16	01/18/05	Draft	<p>GRB1</p> <p>SLN segment, added sentence to NOTE: The SLN segment can also be used to report UID information when the HL segment is used (where HL03 = D).</p> <p>Text updates:</p> <p>REF segment, Pos.180, deleted colon at the end of description of REF01, changed REF03 to read "Description" under Description column.</p> <p>PER segment, Pos. 270, deleted the word "contract" and replaced with "contact" in PER01 under Description column. Re-ran TOC.</p>
3.0.7-17	02/24/05	Draft	<p>Changed document date from January 2005 to March 2005.</p>

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1 General Instructions

NOTE: If using a word processor program (i.e. Microsoft Word, WordPerfect, Microsoft WordPad, Microsoft Write, etc.) to create EDI files, then the text must first be cut/copied out of the word processor program and pasted into Microsoft Notepad, or another ASCII text editor and saved in the text editor, before sending the data to WAWF. This converts the text to text-only format and removes control characters that contain formatting information.

The following pages represent the Wide Area Workflow (WAWF) Data Element/Segment Cross Reference for the reporting information via EDI, into WAWF, including UID information. The tables that follow present the usage of the segments and data elements arrayed in Transaction Set Order. Only the segments that WAWF accepts are outlined below. The information represents 856 Ship Notice/Manifest ANSI X12 transactions into WAWF. This EDI Guide was created using the latest draft of the Implementation Conventions (Version TBD).

Website for detailed UID information:

<http://www.acq.osd.mil/dpap/UID/>

Website for detailed RFID information:

http://www.acq.osd.mil/log/logistics_materiel_readiness/organizations/sci/rfid/index.html

Each page includes the following:

- | | |
|---------------------|--|
| 1. Data Segment | X12 Segment |
| 2. Description | X12 Name |
| 3. Element | X12 Data Element Reference Number |
| 4. Format & Min/Max | Specific to WAWF, not ANSI X12 |
| 5. Requirements | Depicts whether the Segment is:
M – Mandatory
O – Optional
C - Conditional |
| 6. WAWF Notes | Contains notations of the Field's usage or restrictions |

Fields included within WAWF display the "Type" Field depicting the value used.

- **N_v** Numeric Field where v = number of decimal positions, decimal is implied (i.e. 300 will be read as 3.00)
- **R** Decimal number. If value includes decimal, then WAWF requires decimal point and value be sent: WAWF will NOT imply or assume decimal points. Examples:
 - 300 will be read into WAWF as "300"
 - 3.00 will be read into WAWF as "3"
 - 3.5 will be read into WAWF at "3.5"
- **ID** Identifier

- **AN** Alpha/Numeric String
- **DT** Date/Time – All date Fields use this format: CCYYMMDD
- **TM** All time Fields use this format: HHMMSS

Below each Segment are notes pertaining to WAWF. The values WAWF accepts are noted in the table for each Segment. WAWF ignores qualifier codes not identified in this guide.

1.1 ST Segment – Transaction Set Header, Pos. 010 Header

<i>Segment</i>	<i>Description</i>	<i>Element.</i>	<i>WAW Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
ST01	Transmission Set ID	143	3/3	M	856 Ship Notice Manifest.	ID
ST02	Transaction Set Control Number	329	4/9	M	Identifying Control Number assigned by the Originator.	AN

Sample: ST^856^0012

1.2 BSN Segment – Beginning Segment for Ship Notice, Pos. 020 Header

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
BSN01	Transaction Set Purpose Code	353	2/2	M	See list below.	ID
BSN02	Shipment Identification	396	2/22 7/8 2/8	M M M	Shipment Number MOCAS, DSS, SAMMS-BSM	AN
BSN03	Date	373	8/8	M	CCYYMMDD – Transmission Date	DT
BSN04	Time	337	4/8	M	Transmission Time	TM
BSN05	Hierarchical Structure Code	1005	4/4	C	Not used.	ID
BSN06	Transaction Type Code	649	2/2	M	AS Shipment Advice Contractor Receiving Report	ID
BSN07	Status Reason Code	641	3/3	O	See codes below	ID

Sample: BSN^00^DIS0001^20000101^1200^^AS

BSN^00^DIS0001Z^20000101^1200^^AS

BSN^00^DIS0001Z^20000101^1200^^AS (complete RFID info is being
provided with initial 856, C20 in BSN07 is not required)

BSN^00^DIS0001Z^20000101^1200^^AS^INP (RFID info cannot be provided yet)

BSN^EX^DIS0001Z^20000101^1200^^AS^C20 (RFID info sent as addendum)

WAWF will reject all transactions with all other codes except the following:

BSN01

00 Original

EX Final Loading Config.

BSN06

AS Shipment Advice

BSN07

INP Incomplete – In Progress

C20 Complete

The code “EX” in BSN01 and the code “C20” in BSN07 should only be used when Pack Data/RFID Information is sent as an addendum. See instructions below on how to send Pack Data/RFID Information later using instructions found in the following document:

856_Pack_Update_WAWF_4010_EDI_Detail.doc

Notes:

Use “00” in BSN01 when no Pack Data/RFID information is being reported, or when complete Pack Data/RFID information is being reported in the initial shipment notice, or when an “INP” in BSN07 is reported when information cannot be provided in the initial shipment notice transaction because material is awaiting inspection.

Use “INP” in BSN07 only with BSN06 Code AS when RFID information cannot be provided in the initial shipment notice transaction because material is awaiting inspection.

TO SEND PACK/RFID INFORMATION LATER, REFER TO THE UPDATE PACK/RFID INFORMATION 856 WAWF IMPLEMENTATION GUIDE:**856_Pack_Update_WAWF_4010_EDI_Detail.doc**

THE INSTRUCTIONS IN THE DOCUMENT NOTED ABOVE PROVIDE THE SEGMENTS NEEDED TO SEND FOLLOW-UP PACK/RFID DATA WHEN C20 IS REPORTED IN BSN07.

Instructions below (shaded area) only apply when Pack/RFID Information is sent later using the 856_Pack_Update_WAWF_4010_EDI_Detail.doc:

Use “EX” in BSN01 only after receiving an acknowledgment of receipt for a previously transmitted Shipment Notice. When used, provide the load configuration according to the RFID tagged container, pallet, or UID packaging applicable to the previously transmitted Shipment Notice. When “EX” is reported in BSN01, then “C20” should be reported in BSN07.

Use “C20” in BSN07 only with BSN01 Code “EX” and BSN06 code “AS” when RFID information is provided as an addendum to a previously submitted shipment. If “C20” is reported in BSN07 when complete 856 is initially sent with Pack Data/RFID information, WAWF will generate a soft reject with a message explaining to the vendor, “only use “C20” in BSN07 when “EX” is reported in BSN01.

WAWF Payment System Edit Notes:

MOCAS: Shipment Number in BSN02 is mandatory. Format is: 1st 3 positions alpha, 4th position is alpha/numeric, 5th - 7th positions are numeric, 8th position is only used for final shipment and is a “Z.”

SAMMS-BSM: Shipment Number in BSN02 is mandatory and must be 2 to 8 characters. If shipment number is 8 characters, the 8th position must be a “Z.”

DSS: Shipment Number in BSN02 must be 7 or 8 characters, the first 7 characters must be in the format of 3 alpha characters, an alphanumeric, then 3 numeric characters. (Sample: DCME778). The 8th position must be an alpha character and any letter “A” through “Z.” If a “Z,” the Final Shipment Indicator must be set to a “Y.” If the Final Shipment Indicator is not set to a “Y” then WAWF will set the Final Shipment Indicator to a “Y” and provide a modification message back to the user.

The Following Edits Will Also Be Applied:

- Using a “Z” as the 8th character in the BSN02 will designate final shipments.

1.3 HL Segment: – Hierarchical Level, Loop ID HL, Pos. 010 Detail

LOOP ID: HL – may Loop 1 - 200,000 times

NOTE: There must be 1 and only 1 occurrence of HL per HL Loop.

WAWF only accepts 1 iteration of the Address Loop, 1 iteration of the Shipment Loop, and 1 – 250 iterations of the Line Item Loop per transaction, multiple iterations of the UID loop and multiple iterations of the P loop.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
HL01	Hierarchical ID Number	628	1/12	O	In the first Loop, cite number 1. Increased by one each subsequent Loop.	AN
HL02	Hierarchical Parent ID Number	734	1/12	O	For second Loop, (shipment) cite the first Loop to identify the Address associated with shipment. For third Loop and subsequent loops, (Line Item) cite the applicable second or third Loop. Repeat shipment and Line Item Loops as necessary. For fourth (UID) and fifth loops (Pack/Rfid), repeat as necessary.	AN
HL03	Hierarchical Level Code	735	1/1	M	Defines characteristic of a level in a hierarchical structure. See list below.	ID
HL04	Hierarchical Child Code	736	1/1	O	Indicates if there are subordinate segments to the structure. See list below. If HL03 = P, then HL04 is not used in WAWF.	ID

Sample: HL^1^^V^1 = first level, sending Address information for entire transaction
HL^2^1^S^1 = second level, sending shipping information for entire transaction to Address in first level
HL^3^2^I^1 = third level, send Line Item information relating to shipment sent in second level
HL^4^3^D^0 = fourth level, send UID information relating to line items sent in the third level.
HL^5^2^P = fifth level, sending Pack (RFID) information related to shipment.

Notes:

- IC allow for Hierarchical Level Codes (HL03) listed. WAWF rejects transactions without Address Information (HL03=V) and Shipment information (HL03=S) and at least 1 Line Item (HL03=I).
- WAWF rejects transactions with any loops other than those below.

WAWF Allows The Following Codes:

HL03 - Hierarchical Level Codes

I Item – indicates individual Line Item Loops
S Shipment – indicates individual Shipment Loops
V Address – identifies Address Loop for transaction set
D UID – Use to report UID information to WAWF
P Pack – Used to report Pack (RFID) information to WAWF

HL04 - Hierarchical Child Codes – not used when HL03 = P in WAWF

0 No subordinate HL Segment is in this hierarchical structure
1 Additional subordinate HL Data Segment in this hierarchical structure

Single CLIN in a Single Case

ST^856^0001

BSN^00^DIS0001^20040720^1130^^AS

HL^1^^V^1

HL^2^1^S^1

HL^3^2^I^1

LIN^0001^VP^ABC

SN1^^4^EA

HL^4^3^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00001^(UID 1)

REF^U3^00002^(UID 2)

REF^U3^00003^(UID 3)

REF^U3^00004^(UID 4)

RFID #1

HL^5^2^P

REF^JH^^(RFID #1)

REF^U3^^(UID1)

REF^U3^^(UID2)

REF^U3^^(UID3)

REF^U3^^(UID4)

SDQ^ZZ^^0001^4 (Note, the numeral 4 indicates the number of Units of Measure of CLIN 0001 in this case/pack)

Single CLIN in Multiple Cases within an Outer Case

ST^856^0001

BSN^00^DIS0001^20040720^1130^^AS

HL^1^^V^1

HL^2^1^S^1

HL^3^2^I^1

LIN^0001^VP^ABC

SN1^^4^EA

HL^4^3^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00001^(UID 1)

REF^U3^00002^(UID 2)

REF^U3^00003^(UID 3)

REF^U3^00004^(UID 4)

RFID #1

HL^5^2^P

REF^JH^^(RFID #1)

RFID #2

HL^6^5^P

REF^JH^^(RFID #2)

REF^U3^^(UID 1)

REF^U3^^(UID 2)

SDQ^ZZ^^0001^2

RFID #3

HL^7^5^P

REF^JH^^(RFID #3)

REF^U3^^(UID 3)

REF^U3^^(UID 4)

SDQ^ZZ^^0001^2

Multiple CLINS in a Single Case

ST^856^0001

BSN^00^DIS0001^20040720^1130^^AS

HL^1^^V^1

HL^2^1^S^1

HL^3^2^I^1

LIN^0001^VP^ABC

SN1^^4^EA

HL^4^3^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^^KF^UID1^MF^06481^XZ^D

REF^U3^00001^(UID 1)

REF^U3^00002^(UID 2)

REF^U3^00003^(UID 3)

REF^U3^00004^(UID 4)

HL^5^2^I^1

LIN^0002^VP^DEF

SN1^^4^EA

HL^6^5^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^^KF^UID1^MF^06481^XZ^D

REF^U3^00005^(UID5)

REF^U3^00006^(UID6)

REF^U3^00007^(UID7)

REF^U3^00008^(UID8)

HL^7^2^I^1

LIN^0003^VP^GHI

SN1^^2^EA

HL^8^7^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^^KF^UID1^MF^06481^XZ^D

REF^U3^00009^(UID9)

REF^U3^00010^(UID10)

HL^9^2^I^1

LIN^0004^VP^JKL

SN1^^2^EA

HL^10^9^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^^KF^UID1^MF^06481^XZ^D

REF^U3^00011^(UID11)

REF^U3^00012^(UID12)RFID #1

HL^11^2^P

REF^JH^(RFID #1)

REF^U3^(UID 1)

REF^U3^(UID 2)

REF^U3^(UID 3)

REF^U3^(UID 4)

REF^U3^(UID 5)

REF^U3^(UID 6)

REF^U3^(UID 7)

REF^U3^(UID 8)

REF^U3^(UID 9)

REF^U3^(UID 10)

REF^U3^(UID 11)

REF^U3^(UID 12)

SDQ^ZZ^0001^4^0002^4^0003^2^0004^2

Multiple CLINS in Multiple Cases with a Single CLIN per Case and a Single Case per CLIN

ST^856^0001BSN^00^DIS0001^20040720^1130^^AS

HL^1^^V^1

HL^2^1^S^1

HL^3^2^I^1

LIN^0001^VP^ABC

SN1^^4^EA

HL^4^3^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D
REF^U3^(UID1)

REF^U3^(UID2)

REF^U3^(UID3)

REF^U3^(UID4)

HL^5^2^I^1

LIN^0002^VP^DEF

SN1^^4^EA

HL^6^5^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D
REF^U3^00001^(UID5)

REF^U3^00002^(UID6)

REF^U3^00003^(UID7)

REF^U3^00004^(UID8)

HL^7^2^I^1

LIN^0003^VP^GHI

SN1^^2^EA

HL^8^7^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D
REF^U3^00005^(UID9)

REF^U3^00006^(UID10)

HL^9^2^I^1

LIN^0004^VP^JKL

SN1^^2^EA

HL^10^9^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D
REF^U3^00007^(UID11)

REF^U3^00008^(UID12)

RFID #1

HL^11^2^P

REF^JH^(RFID #1)

REF^U3^(UID1)

REF^U3^(UID 2)

REF^U3^(UID 3)

REF^U3^(UID 4)

SDQ^ZZ^0001^4

RFID #2

HL^12^2^P

REF^JH^(RFID #2))

REF^U3^(UID 5)

REF^U3^(UID 6)

REF^U3^(UID 7)

REF^U3^(UID 8)

SDQ^ZZ^0002^4

RFID #3

HL13^2^P

REF^JH^(RFID #3)

REF^U3^(UID 9)

REF^U3^(UID 10)

SDQ^ZZ^0003^2

Pack #4

HL^14^2^P

REF^JH^(RFID #4)

REF^U3^(UID 11)

REF^U3^(UID 12)

SDQ^ZZ^0004^2

Multiple CLINs in Multiple Cases with a Single CLIN per Case and Multiple Cases per CLIN

ST^856^0001BSN^00^DIS0001^20040720^1130^^AS

HL^1^^V^1

HL^2^1^S^1

HL^3^2^I^1

LIN^0001^VP^ABC

SN1^^4^EA

HL^4^3^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00001^(UID1)

REF^U3^00002^(UID2)

REF^U3^00003^(UID3)

REF^U3^00004^(UID4)

HL^5^2^I^1

LIN^0002^VP^DEF

SN1^^4^EA

HL^6^5^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00005^(UID5)

REF^U3^00006^(UID6)

REF^U3^00007^(UID7)

REF^U3^00008^(UID8)

HL^7^2^I^1

LIN^0003^VP^GHI

SN1^^2^EA

HL^8^7^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00009^(UID9)

REF^U3^00010^(UID10)

HL^9^2^I^1

LIN^0004^VP^JKL

SN1^^2^EA

HL^10^9^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00011^(UID11)

REF^U3^00012^(UID12)

RFID #1

HL^11^2^P

REF^JH^(RFID#1)

REF^U3^(UID1)

REF^U3^(UID2)

SDQ^ZZ^0001^2

RFID #2

HL^12^2^P

REF^JH^(RFID#2)

REF^U3^(UID 3)

REF^U3^(UID 4)

SDQ^ZZ^0001^2

RFID #3

HL^13^2^P

REF^JH^(RFID#3)

REF^U3^(UID 5)

REF^U3^(UID 6)

REF^U3^(UID 7)

REF^U3^(UID 8)

SDQ^ZZ^0002^4

RFID #4

HL^14^2^P

REF^JH^(RFID#4)

REF^U3^(UID 9)

REF^U3^(UID 10)

SDQ^ZZ^0003^2

RFID #5

HL^15^2^P

REF^JH^(RFID#5)

REF^U3^(UID 11)

REF^U3^(UID 12)

SDQ^ZZ^0004^2

Multiple CLINS in Multiple Cases with Multiple CLINs per Case and a Single Case per CLIN

ST^856^0001BSN^00^DIS0001^20040720^1130^^AS

HL^1^^V^1

HL^2^1^S^1

HL^3^2^I^1

LIN^0001^VP^ABC

SN1^^4^EA

HL^4^3^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00001^(UID1)

REF^U3^00002^(UID2)

REF^U3^00003^(UID3)

REF^U3^00004^(UID4)

HL^5^2^I^1

LIN^0002^VP^DEF

SN1^^4^EA

HL^6^5^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00005^(UID5)

REF^U3^00006^(UID6)

REF^U3^00007^(UID7)

REF^U3^00008^(UID8)

HL^7^2^I^1

LIN^0003^VP^GHI

SN1^^2^EA

HL^8^7^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00009^(UID9)

REF^U3^00019^(UID10)

HL^9^2^I^1

LIN^0004^VP^JKL

SN1^^2^EA

HL^10^9^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00011^(UID11)

REF^U3^00012^(UID12)

RFID #1

HL^11^2^P

REF^JH^(RFID#1)

REF^U3^(UID 1)

REF^U3^(UID 2)

REF^U3^(UID 3)

REF^U3^(UID 4)

REF^U3^(UID 9)

REF^U3^(UID 10)

SDQ^ZZ^0001^4^0003^2

RFID #2

HL^12^2^P

REF^JH^(RFID#2)

REF^U3^(UID 5)

REF^U3^(UID 6)

REF^U3^(UID 7)

REF^U3^(UID 8)

REF^U3^(UID 11)

REF^U3^(UID 12)

SDQ^ZZ^0002^4^0004^2

Multiple CLINS in Multiple Cases with Multiple CLINs per Case and Multiple Cases per CLIN on a Pallet

ST^856^0001BSN^00^DIS0001^20040720^1130^^AS

HL^1^^V^1

HL^2^1^S^1

HL^3^2^I^1

LIN^0001^VP^ABC

SN1^^4^EA

HL^4^3^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00001^(UID1)

REF^U3^00002^(UID2)

REF^U3^00003^(UID3)

REF^U3^00004^(UID4)

HL^5^2^I^1

LIN^0002^VP^DEF

SN1^^4^EA

HL^6^5^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00005^(UID5)

REF^U3^00006^(UID6)

REF^U3^00007^(UID7)

REF^U3^00008^(UID8)

HL^7^2^I^1

LIN^0003^VP^GHI

SN1^^2^EA

HL^8^7^D^0

SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D

REF^U3^00009^(UID9)

REF^U3^00010^(UID10)

HL^9^2^I^1

LIN^0004^VP^JKL

SN1^^2^EA

HL^10^9^D^0
SLN^1^^O^1^EA^\$\$\$\$\$^^KF^UID1^MF^06481^XZ^D
REF^U3^00011^(UID11)
REF^U3^00012^(UID12)

RFID #5 HL^11^2^P

RFID #1

HL^12^11^P

REF^JH^^(RFID#1)
REF^U3^^(UID1)
REF^U3^^(UID2)
REF^U3^^(UID3)
REF^U3^^(UID9)
SDQ^ZZ^^0001^3^0003^1

RFID #2

HL^13^11^P

REF^JH^^(RFID#2)
REF^U3^^(UID 4)
REF^U3^^(UID 10)
SDQ^ZZ^^0001^1^0003^1

RFID #3

HL^14^11^P

REF^JH^^(RFID#3)
REF^U3^^(UID 5)
REF^U3^^(UID 6)
REF^U3^^(UID 7)
SDQ^ZZ^^0002^3

RFID #4

HL^15^11^P

REF^JH^^(RFID#4)
REF^U3^^(UID 8)
REF^U3^^(UID 11)
REF^U3^^(UID 12)
SDQ^ZZ^^0002^1^00004^2

1.4 LIN – Item Identification, Pos. 020 Detail

LOOP ID: HL

NOTE: There must be 1 instance of LIN per HL Loop to identify the Line Item (HL03 = I) – Up to 250 instances may be used.

WAWF only accepts LIN in the Line Item Loop (HL03 = I).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
LIN01	Assigned Identification	350	1/6	M	Line Item Number MOCAS: 4 or 6 A/N SAMMS-BSM: 4N or 4N PLUS 2A (NOT 9901 To 9999) ONE-PAY: 4N or 4N PLUS 2A CAPS-C/D/W: 4A/N or 6 A/N	AN
LIN02	Product/Service ID Qualifier	235	2/2	M	See list below. SAMMS-BSM only allows FS or MG	ID
LIN03	Product/Service ID	234	1/17	M	Stock Number	AN

Sample: LIN^0001^MN^789876PQR

Notes:

- WAWF rejects transactions without an LIN Loop and without data in LIN01.
- WAWF rejects transactions using any codes that are not bolded listed below.
- IC allows for 15 pairs of Product/Service ID Qualifiers (LIN 02 through LIN31). WAWF only accepts one pair (LIN02/LIN03). If additional information is to be provided, use the PID Segment.
- WAWF will ignore LIN04 through LIN31 data.
- LIN02 - SV code is allowed for all, except MOCAS and SAMMS-BSM.

WAWF Allows The Following Codes:**LIN02 - Product/Service ID Qualifier**

B8	Batch Number	MG	Manufacturer's Part No.
CL	Color	MN	Model Number
F8	Next Higher Used Assembly	SN	Serial Number
FS	National Stock Number	VP	Vendor's Part Number
FT	Fed. Supply Class (FSC)	SV	Services (Non-MOCAS)

WAWF Payment System Edit Notes:

- MOCAS, SAMMS-BSM, ONE-PAY, CAPS-C/D/W, IAPS/IAPS-E.
- SAMMS-BSM only allows: FS or MG in LIN02.
- MOCAS: If FS is used, then the National Stock Number (NSN) in LIN03 must be 13 or 15 characters in length for WAWF.
- CAPS-C/D/W, SAMMS-BSM, ONE-PAY, IAPS/IAPS-E: Stock Number in LIN03 must be 1/17.
- If an NSN is not associated with the shipment, use any code other than "FS" in LIN02 and the word "None" in LIN03.

1.5 SN1 Segment – Item Detail, Pos. 030 Detail**NOTE:** There must be 1 instance of SN1 per LIN Loop.

SN1 is required for WAWF.

WAWF only accepts SN1 in the Line Item Loop (HL03 = I).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAW Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
SN101	Assigned Identification	350	N/A	N/A	Not used.	AN
SN102	Number of Units Shipped	382	1/10 1/8 1/8	M	Units Shipped (R8.2) MOCAS, SAMMS-BSM, ONE-PAY: no decimals allowed. IAPS/IAPS-E: allows 8 digits to the left and no more than 2 digits to the right. Decimal is not required. If UID information is entered in EDI related segments, this Field must be a whole number.	R
SN103	Unit or Basis of Measurement Code	355	2/2	M	Refer to Unit of Measure Table – see notes below Note: When a MOCAS DoDAAC is used and “LO” (lot) code is used as the Unit of Measure and zero is reported for Quantity Shipped, the total for the Line Item will be computed to be the unit price amount.	ID
SN104	Quantity Shipped to Date	646	N/A	N/A	Not used.	R
SN105	Quantity Ordered	350	N/A	N/A	Not used.	R
SN106	Unit or Basis of Measurement Code	355	N/A	N/A	Not used.	ID

Sample: SN1^^500^EA**Notes:**

- SN101 will always be blank for WAWF.
- WAWF rejects transactions without SN1 Segment.
- SN103: Refer to ANSI X12 List of Allowed Codes for DE 355, Unit of Measure – Also, refer to the attached document file named Unit_of_Measure.doc to find the appropriate ANSI X12 code.

1.6 SLN Segment – SubLine Item Detail. Pos 040 Detail

NOTE: There may be 1 instance of SLN per LIN Loop to specify SubLine Item detail, (where HL03 = I). The SLN segment can also be used to report UID information when the HL segment is used (where HL03 = D).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
SLN01	Assigned Identification	350	1/1	M	WAWF only accepts “1.” FOR UID, WAWF only accepts “1.”	AN
SLN02	Assigned Identification	350	N/A	N/A	Not used.	
SLN03	Relationship Code	662	1/1	M	WAWF only accepts “O” – Information Only. For UID, WAWF only accepts “O.”	ID
SLN04	Quantity	380	1/1	M	For UID, WAWF only accepts “1.”	R
SLN05	Unit or Basis of Measurement Code	355	2/2	M	For UID, WAWF will ignore.	ID
SLN06	Unit Price	212	1/16	M	Unit Price	R9.6
			1/15	O	MOCAS, SAMMS-BSM, ONE-PAY	R9.5
			1/16		CAPS-C/D/W, IAPS/IAPS-E FOR UID, WAWF will ignore. Contractors may, at their option, enter Unit Prices on any Material Inspection and Receiving Report (MIRR) copy, except, as a minimum: (i) For documentation of tangible items with Unique Identification (UID), the contractor shall enter the acquisition cost for each contract line, subline, or exhibit line item with UID. Acquisition cost is defined as: (1) For fixed-price type line, subline, or exhibit line items, the Unit Price identified in the contract at the time of delivery. (2) For cost type line, subline, or exhibit line items, the contractor's estimated fully burdened Unit	R9.6

					Cost to the Government for each item at the time of delivery.	
SLN07	Basis of Unit Price Code	639	N/A	N/A	Not used.	ID
SLN08	Relationship Code	662	N/A	N/A	Not used.	ID
SLN09	Product/Service ID Qualifier	235	2/2	M	<p>UID: Enter KF for UID</p> <p>UID: Use in UID Loop to identify the UID Type in the first Product/Service pair.</p> <p>Use subsequent pairs (examples below, in the order shown in this guide).</p>	ID
SLN10	Product/Service ID	234	3/5	M	<p>UID - Enter UID Type:</p> <p>UID1, UID2, ESN, GIAI, GRAI, OTHER, VIN</p> <p>UID1 (Unique ID Construct 1,Serialization within the Enterprise)</p> <p>UID2 (Unique ID Construct 2,Serialization within the original part number)</p> <p>ESN (Telecomm. Industry Assoc. Electronic Serial Number) for cellular telephones only.</p> <p>GIAI (Global Item Asset Identification)</p> <p>GRAI (Global Returnable Asset Identifier)</p> <p>OTHER (Use for UIDs without an assigned UID Type)</p> <p>VIN (Vehicle Identification Number)</p> <p>Follow rules below for UID type entered:</p> <p>If UID1 is entered, then the UID Construct1 format must be followed. This format requires an EID and IAC be entered in the SLN Segment. The Serial Number in the REF Segment, Pos. 150 (REF02) and the UID (REF03) is also required.</p> <p>If UID2 is entered, then the UID Construct 2 format must be followed. This format requires that an EID, Original Part Number and IAC be entered in the SLN Segment. The Serial Number in the REF Segment, Pos. 150 (REF02) and the UID (REF03) is also required.</p>	AN

					If ESN, GIAI, GRAI, OTHER or VIN is entered, then EID and IAC are optional in the SLN Segment. However, the UID in the REF Segment, Pos. 150, (REF03) is required.	
SLN11	Product/Service ID Qualifier	235	2/2	O	UID: Enter MF for Enterprise Identifier (EID) If UID Type (SLN10) is UID1 or UID2, then Qualifier Code of MF is required.	ID
SLN12	Product/Service ID	234	5/13	O	UID: Enter Enterprise Identifier (EID) EID is required if UID Type (SLN10) is UID1 or UID2 EID must be 5 characters if IAC (SLN16) is "D", denoting CAGE code. EID must be 6 characters if IAC (SLN16) is "LD" denoting a DoDAAC. EID must be either 9 or 13 characters if IAC (SLN16) is "UN" denoting DUNS number. If the EID contains special characters, then the document will be rejected.	AN
SLN13	Product/Service ID Qualifier	235	2/2	O	UID: Enter MG for Original Part Number If UID Type (SLN10) is UID2 then the Qualifier Code of MG is required	ID
SLN14	Product/Service ID	234	1/32	O	UID: Enter Original Part Number If UID Type (SLN10) is UID2, then the Original Part Number is required. No special characters, except for dashes (-) and forward slashes (/) are allowed for original part number. If received, then the document will be rejected.	AN
SLN15	Product/Service ID Qualifier	235	2/2	O	UID: Enter XZ Issuing Agency Code (IAC) IAC Qualifier Code of XZ is required if UID Type (SLN10) is UID1 or UID2.	ID
SLN16	Product/Service ID	234	1/3	O	UID: Enter IAC	AN

					If UID Type (SLN10) is UID1 or UID2 then IAC is required. D: CAGE LD: DoDAAC LB: ANSI T1.220 UN: DUNS 0-9 (single digits, 10 different codes, EAN.UCC Company Prefix)	
--	--	--	--	--	--	--

Sample: SLN^1^^O^^10

Samples for UID:

If using UID Construct 1 with a CAGE Code

SLN^1^^O^1^^^^KF^UID1^MF^06481^^XZ^D
 REF^U3^0001^D064810001

If using UID Construct 2 with a DoDAAC:

SLN^1^^O^1^^^^KF^UID2^MF^FU4417^MG^PARTNUM001^XZ^LD
 REF^U3^0001^LDFU4417PARTNUM0010001

If using a UID Type other than Construct 1 or Construct 2:

SLN^1^^O^1^^^^KF^GRAI
 REF^U3^^D06481001A

SLN^1^^O^1^^^^KF^GIAI
 REF^U3^^LDFU4417001B

SLN^1^^O^1^^^^KF^OTHER
 REF^U3^^UN1234567890123001

SLN^1^^O^1^^^^KF^ESN
 REF^U3^^DW2345001A

SLN^1^^O^1^^^^KF^VIN
 REF^U3^^1N19G9J100001

WAWF Payment System Edit Notes:

- MOCAS, SAMMS-BSM, ONE-PAY, Unit Price, SLN06 can contain a numeric value (0-9) with up to 9 digits to the left and no more than 5 digits to the right of the decimal. Unit Price is optional for Receiving Reports.
- CAPS-C/D/W, IAPS/IAPS-E – Unit Price, SLN06 can contain a numeric value (0-9) with up to 9 digits to the left and no more than 6 digits to the right of the decimal. Unit Price is optional for Receiving Reports.
- WAWF requires that the SLN09 through SLN14 follow the format in this guide.

- Document will be rejected if the Enterprise ID contains special characters. No special characters, except for dashes (-) and forward slashes (/) are allowed for the original part number and serial number. If received, the document will be rejected.

1.7 PRF Segment – Purchase Order Reference, Pos. 050 Detail

NOTE: PRF is mandatory for WAWF.

WAWF only accepts PRF in the Shipment Loop (HL03 = S).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
PRF01	Purchase Order Number	324	1/19	M	Purchase Order Number or Contract Number.	AN
			13/13	M	DSS	
PRF02	Release Number	328	1/19	O	Delivery Order, Call, or Release Number.	AN
PRF03	Change Order Sequence Number	327	N/A	N/A	Not used.	AN
PRF04	Date	373	8/8	O	CCYYMMDD – CO/DO Issue Date	DT
PRF05	Assigned Identification	350	N/A	N/A	Not used.	AN
PRF06	Contract Number (Cite Small Business Admin)	367	N/A	N/A	Not used.	AN

Sample: PRF^DCA10096D0050^0040^^19980923

Notes:

- WAWF rejects transactions without PRF.
- Normally DoD policy requires a delivery order if the 9th position of the Contract Number is “A,” “D,” “G,” or “H.” WAWF will process without the delivery order and will send a message via e-mail stating this policy and further stating that if the Contract Number requires a Delivery Order and one was not entered, the Vendor must void the document then resubmit with the correct Delivery Order.
- DSS: Contract Number must be 13 alphanumeric characters with no spaces, 7th and 8th position must be numeric, 9th position must be an alpha character. If the letters “A,” “D,” or “G” are entered in the 9th position, a Delivery Order Number is required. The letters “O” and “I” may not be used within the Contract Number.

1.8 PID Segment: - Product/Item Description. Pos. 070 Detail

NOTE: PID is mandatory for WAWF.

WAWF only accepts PID in the Line Item Loop (HL03 = I).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
PID01	Item Description Type	349	1/1	M	Use "F"	ID
PID02	Product/Process Characteristic Code	750	N/A	N/A	Not used.	ID
PID03	Agency Qualifier Code	559	N/A	N/A	Not used.	ID
PID04	Product Description Code	751	N/A	N/A	Not used.	AN
PID05	Description	352	1/75	M	Free Form Description UID – description – Not used.	AN

Sample: PID^F^^^^description

Notes:

- WAWF allows for 1 to 75 characters of description in the PID05.
- WAWF will not use any more than 25 instances of PID per Line Item.
- WAWF rejects transactions without a PID.

1.9 TD1 Segment - Carrier Details – (Quantity & Weight), Pos. 110 Detail

NOTE: WAWF only accepts TD1 in the Shipment Loop (HL03 = S).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
TD101	Packing Code	103	N/A	N/A	Not used.	AN
TD102	Lading Quantity	80	N/A	N/A	Not used.	N0
TD103	Commodity Code Qualifier	23	N/A	N/A	Not used.	ID
TD104	Commodity Code	22	N/A	N/A	Not used.	AN
TD105	Lading Description	79	N/A	N/A	Not used.	AN
TD106	Weight Qualifier	187	N/A	N/A	Not used.	ID
TD107	Weight	81	1/6	O		R
TD108	Unit or Basis of Measurement Code	355	2/2	C	LB Pounds – only code allowed in WAWF	ID

Sample: TD1^^^^^^10^LB

Notes:

- WAWF will ignore TD1 data past the first instance.
- Only whole numbers may be used.

1.10 TD5 Segment – Carrier Details – (Routing Sequence/Transit Time), Pos. 120 Detail

NOTE: WAWF only accepts TD5 in the Shipment Loop (HL03 = S).

WAWF will ignore TD5 data past the first instance.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
TD501	Routing Sequence Code	133	N/A	N/A	Not used.	ID
TD502	Identification Code Qualifier	66	N/A	N/A	Not used.	ID
TD503	Identification Code	67	N/A	N/A	Not used.	AN
TD504	Transportation Method/Type Code	91	1/2	O	See list below	ID

Sample: TD5^^^^AC

Notes:

- TD504 codes allowed: 6, 7, A, AC, AE, AF, AR, B, BU, C, CE, D, FA, I, J, L, LT, O, P, PL, Q, R, RC, SR, U, W, X, Y, DW, S, T

NOTE: These are the EDI conversion codes; please refer to the WAWF Mode of Shipment Table for the correlating DoD Codes. (Microsoft Word attachment to this guide – can obtain via the Web.)

- File Name: Mode_of_Shipment.doc

1.11 REF Segment - Reference Numbers, Pos. 150 Detail

NOTE: There may be multiple instances of REF per HL Loop.

REF may be used in connection with a single Line Item (LIN) Segment.

WAWF will accept REF in the Shipment Loop (HL03 = S) and the Line Item Loop (HL03 = I) and the UID Loop (HL03 = D) and the Pack Loop (HL03 = P).

REF may be used in connection with shipping hierarchy to identify bill of lading, Transportation Control Number, Invoice Number and Release Number (ARP). REF may be used in connection with a single Line Item (LIN) Segment.

REF may be used to report ACRN information and multiple ACRN information. This information should be reported in the Line Item Loop (HL03 = I)

In REF01, IV or AI can be used to pass an Invoice Number. Also, only one REF with IV or AI can be used for MOCAS or SAMMS-BSM.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
REF01	Reference Identification Qualifier	128	2/2	O	<p>IC approved codes. See list below for preferred codes.</p> <p>Enter ZZ for Mark For Comments</p> <p>When RE is entered in this Field, ARP indicator will be set to yes and box will be checked on the Web. If you do not want to set the ARP indicator, then do not use the RE code in REF01. Therefore, by not entering an RE in REF01, no entry is needed in REF02.</p> <p>UID - Use "U3" to send Serial number in REF02 and/or UID data in REF03. "U3" is also allowed in the Pack loop.</p> <p>RFID – Use "JH" in REF01 to send Tag information in REF03.</p>	ID
REF02	Reference Identification	127	1/22	C	<p>Invoice</p> <p>Enter Z7A for Mark for</p>	AN

					Comments	
			1/8		Enter Z7B for Mark for Secondary Comments/	
					MOCAS/SAMMS-BSM:	
					If AI or IV are used in	
					REF01, 1/8, A/N.	
			1/30		Standard Document	
					Number (SDN)	
			1/1		Alternate Release	
					Procedures (ARP) –	
					Enter “Y” for ARP	
					WAWF will ignore the	
					“Y” or any other letter	
					(i.e. ‘N’), since an “RE”	
					entered in REF01	
					automatically sets the	
					ARP indicator to “Y”.	
			1/30		Bill of Lading – see	
					notes below.	
			1/18		TCN – MOCAS, CAPS-	
					C/D/W	
			1/30		TCN – ONE-PAY,	
					SAMMS-BSM, and	
					IAPS/IAPS-E	
			1/30		UID – Serial Number (if	
					applicable)	
					The Enterprise	
					assigned Serial	
					Number corresponding	
					to the assigned UID.	
					The Serial Number	
					may be within the	
					Enterprise or within the	
					Original Part Number.	
					Required if UID Type in	
					the SLN Segment	
					(SLN09) is UID1 or	
					UID2. (Construct	
					details can be found on	
					SLN Segment.)	
					No special characters,	
					except for dashes (-)	
					and forward slashes (/)	
					are allowed for serial	
					number. If received,	
					then the document will	
					be rejected.	
			2/2		ACRN – enter actual	
					ACRN	

REF03	Description	352	8/8 1/78	C	CCYYMMDD Invoice date is Required If REF01 is 'AI' or 'IV' otherwise REF03 is Optional UID should be cited here. Required if UID data is sent. Note: UID – this is the Unique Identifier that ensures uniqueness of items that are listed in the DoD UID Registry. Note: Alphabetic characters should be capitalized. Enter Mark For comments if applicable. ACRN Dollar Amount – enter when multiple ACRNs are reported. No dollar signs are allowed, only numbers and decimals values. (example: 500.00 or 200.16) Type is R9.2 for ACRN price only. Negative dollar amounts allowed for ACRN. RFID – RFID Tag ID Information. Enter tag information in REF03 if JH is entered into REF01.	AN
REF04	Reference Identifier	C040			Use in UID Loop to identify the batch/lot production number.	ID
	C04001	128	2/3	M	Not used.	
	C04002	127	1/30	M		

Sample: REF^AI^INV1234^20010430

REF^AT^AA

Or

REF^AT^AA^500

REF^AT^AB^300

Notes:

- WAWF will ignore REF03 data other than Invoice date when REF01 is AI or IV.
- MOCAS, SAMMS-BSM: If AI or IV are used in REF01, use REF02 and REF03. REF02 is 1/8 AN. REF03 must contain the associated Invoice Date in the format of CCYYMMDD.
- If REF03 is left blank REF01 is AI or IV, a reject message will be sent.

REF01 – Reference Identification Qualifier

Accepted in Shipment Loop (HL03 = S)

AI Associated Invoices

BL Government Bill of Lading

IV Sellers Invoice Number

RE Release Number

TG Transportation Control Number

ZZ Mutually Defined (Use for Mark For Comments)

REF01 – Reference Identification Qualifier

Accepted in Line Item Loop (HL03 = I)

93 Funds Authorization – populates SDN Field in WAWF

AT Appropriation Number – populates ACRN Field in WAWF

CA Cost Allocation Reference – populates SDN Field in WAWF

REF01 – Reference Identification Qualifier

Accepted in UID Loop (HL03 = D)

U3 UID Value

REF01 – Reference Identification Qualifier

Accepted in Pack Loop (HL03 = P)

U3 UID Value

JH Tag (RFID Tag Data)

REF04

BT UID – use to identify the batch/lot/production number. (Not used.)

TN Transaction Reference No. (MILSTRIP Number) populates SDN in WAWF, For MOCAS, enter MILSTRIP in CLD Loop.

WAWF Payment System Edit Notes:

- MOCAS, SAMMS-BSM, ONE-PAY, CAPS-C/D/W, and IAPS/IAPS-E
- Bill of Lading Number is optional if reported in a Receiving Report and is 1/30 for MOCAS, ONE-PAY, SAMMS-BSM, CAPS-C/D/W, and IAPS/IAPS-E.
- TCN is optional if reported in a Receiving Report and limited to 1/18 A/N characters for MOCAS, CAPS-C/D/W as stated above and 1/30 for ONE-PAY, SAMMS-BSM, and IAPS/IAPS-E.
- Standard Document Number (SDN) is optional and can be up to 30 alphanumeric characters.
- ACRN is optional and must be 2, alphanumeric characters.
- If single ACRN is submitted, the ACRN dollar amount is optional in REF03. However, if submitted, the amount must match the extended line item total.
- If multiple ACRN's (>1) are submitted, the ACRN dollar amount is mandatory in REF03 and the sum of the ACRN dollar amounts must balance to the extended line item total.
- ARP is allowed for Source/Source and Source/Destination documents. This Field is not allowed on Destination/Destination documents.

1.12 CLD Segment – Load Detail, Pos. 170 Detail

NOTE: CLD may be used in connection with a single Line Item (LIN) Segment to relate quantity of items shipped for one or more requisitions.

WAWF only accepts CLD in the Line Item Loop (HL03 = I).

There must be one instance of REF, Position 180, per CLD Loop.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
CLD01	Number of Loads	622	1/1	M	Customer defined loads shipped. This will always be “1” for WAWF.	N0
CLD02	Number of Units Shipped	382	1/10 1/8 1/8	M	The Quantity of the MILSTRIP – Refer to Notes Below MOCAS, SAMMS-BSM, ONE-PAY, CAP-C/D/W IAPS/IAPS-E	R
CLD03	Packaging Code	103	N/A	N/A	Not used.	AN
CLD04	Size	357	1/8	O		R
CLD05	Unit or Basis of Measurement Code	355	2/2	M	The Unit of Measure of the Line Item	ID

Sample: CLD^1^23^^BX

Notes:

- WAWF rejects transactions with CLD01 other than “1”. Each entry must represent just 1 load.

WAWF Payment System Edit Notes:

- MOCAS, SAMMS-BSM, ONE-PAY, CAPS-C/D/W: MILSTRIP Quantity – no decimals allowed in CLD02. The total quantity of all MILSTRIPS entered per Line Item must equal the Quantity Shipped value for the Line Item. If a MILSTRIP Quantity is identified in CLD, then a MILSTRIP Number is required in the associated REF Segment.
- IAPS/IAPS-E: MILSTRIP Quantity: MILSTRIP Quantity – can be a numeric value (0-9) with up to 8 digits to the left and no more than 2 digits to the right of the decimal point. However, a decimal is not required. If a MILSTRIP Quantity is identified in CLD, then a MILSTRIP Number is required in the associated REF Segment.

1.13 REF Segment - Reference Identification, Pos. 180 Detail

NOTE: There must be 1 instances of REF per CLD Loop for WAWF.

CLD may be used in connection with a single Line Item (LIN) Segment to relate quantity of items shipped to one or more requisitions.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
REF01	Reference Identification Qualifier	28	2/2	C	See list below and note.	ID
REF02	Reference Identification	127	1/15 14/15	C	MILSTRIP (See note below.) MOCAS If MILSTRIPs are sent in lowercase characters, then they will be converted to uppercase characters.	AN
REF03	Description	352	1/30	O		AN
REF04	Reference Identification	C040 C04001 C04002	2/2	C C	W8 Suffix	AN

Sample: REF^TN^W8001290010986^^W8:A

Notes:

- MOCAS: A MILSTRIP Number of 14 positions will be accommodated in REF02. If a suffix is required, it will be accommodated in REF04 by using Code W8 in C04001 and placing the suffix in C04002. The word “NONE” may be used in REF02 when an additional schedule does not include an associated MILSTRIP Number.
- CAPS-C/D/W: MILSTRIP can be 1 to 15, AN in REF02.
- IAPS/IAPS-E: MILSTRIP can be between 1 and 15, AN in REF02.
- SAMMS-BSM, ONE-PAY: MILSTRIP can contain the value of “NONE” or be up to 15 alphanumeric characters and is optional.
 - Duplicate MILSTRIPs are not allowed for line items.
 - “NONE” can only be sent as a MILSTRIP once per line item and “NONE” cannot be the only MILSTRIP for a line item.

- MILSTRIPs are only allowed for CLIN/SLIN type line items.

REF01 - *Reference Code*

TN Transaction Reference Number (MILSTRIP)

1.14 DTM Segment – Date/Time Reference, Pos. 200 Detail

NOTE: DTM is mandatory for WAWF.

WAWF only accepts DTM in the Shipment Loop (HL03 = S).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
DTM01	Date/Time Qualifier	374	3/3	M	See list below.	ID
DTM02	Date	373	8/8	M	CCYYMMDD	DT

Sample: DTM^011^20000909

Notes:

- WAWF rejects transactions without DTM01 = “011” or “139.”
- WAWF rejects transactions without both DTM01 and DTM02.
- MOCAS, CAPS-C/D/W, SAMMS-BSM, ONE-PAY, IAPS/IAPS-E: Shipment and Estimated date is optional.

DTM01 - Date/Time Qualifier

011 Shipped

139 Estimated

1.15 FOB Segment - F.O.B. Related Instructions, Pos. 210 Detail

NOTE: FOB is mandatory for WAWF.

WAWF only accepts FOB in the Shipment Loop (HL03 = S).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
FOB01	Shipment Method of Payment	146	2/2	M	WAWF will always use "DF."	ID
FOB02	Location Qualifier	309	2/2	M	See list below.	ID

Sample: FOB^DF^DE

Notes:

- WAWF only accepts "DF" in FOB01.

FOB02 - Location Qualifiers

DE Destination

IT Intermediate FOB Point

OR Origin

1.16 N1 Segment – NAME, Pos. 220 Detail

NOTE: WAWF only accepts N1 in the Address Loop (HL03 = V).

If N102 is entered, follow WAWF specific requirements below for entering Address data. If all Address Fields are left blank (N1, N2, N3 and N4) Address information will be defaulted.

All addressing segments (N1, N2, N3 and N4) must be **completed** if an address is being entered. If a CAGE or DoDAAC code is being entered, then addressing data is not necessary. If Address data is being entered, these Fields at a minimum must be entered:

N102 and N301, first iteration

N4, you must have either N401, N402 and N403

or

N401, N403 and N404

For entry of an APO/FPO address enter the APO/FPO Zip Code in the N403, the Military Address Indicator (i.e. AR) in the N405 and the APO/FPO code (i.e. AA, AE, or AP) in the N406.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
N101	Entity Identifier Code	98	2/2	M	See list below.	ID
N102	Name	93	1/60	O	Name (Activity 1) – Mandatory if Address data is being entered.	AN
N103	Identification Code Qualifier	66	2/2	M	10 DoDAAC or 33 CAGE or A2 MAPAC	ID
N104	Identification Code	67	5/12	M	DUNS, CAGE, DoDAAC, or MAPAC if applicable. Extensions are not allowed when N101 has an identifier code of BY, C4 or PR.	AN

Sample: N1^C4^^10^S0512A

Notes:

- Entity Identifier (N101) “L1” is required for WAWF if LQ01 = “7” and LQ02 = “S” in the LM Loop.

- Entity Identifier (N101) “SE” can only have a N103 code of “33.” If any other N103 code is used for “SE,” WAWF rejects the transaction.
- Entity Identifier (N101) “SF” is optional, and can be either a N103 code of “33” or “10” or “A2.” If any other N103 code is used for “SF,” WAWF rejects the transaction. Does not have to be used if same as prime contractor (SE).
- Entity Identifier (N101) “ST” can only have a N103 code of “10” unless LQ01 = “7” and LQ02 = “8” and LQ02 = “S” for both, in which case the code could then either be “10” or “33.” If any other N103 code is used for “ST” WAWF rejects the transaction.

MOCAS, SAMMS-BSM, ONE-PAY, CAPS-C/D/W, IAPS/IAPS-E:

- Issue DoDAAC is optional and must be a valid DoDAAC.
- Admin DoDAAC is mandatory and must be a valid DoDAAC.
- Inspect By DoDAACs: are: when the inspection and Acceptance points are both Source. This is an optional for Receiving Reports that have an inspection and acceptance point of destination. Must be a valid DoDAAC.
- Mark For Code is optional and must be a valid CAGE Code or DoDAAC.
- Ship To DoDAAC is mandatory and must be a valid DoDAAC or CAGE Code.
- Ship From is optional and can be a valid CAGE Code or DoDAAC.
- LPO DoDAAC is not allowed on MOCAS or SAMMS-BSM paid contracts.
- LPO DoDAAC is mandatory for ONE-PAY and CAPS-C/D/W, and IAPS/IAPS-E and must be a valid DoDAAC.
- Pay DoDAAC is mandatory and must be a valid DFAS DoDAAC. If Pay DoDAAC is MOCAS or SAMMS-BSM, then the Administration DoDAAC must be a DCMA activity.
- CAGE Code of Vendor (SE) is mandatory.

N101 Codes

BY	Buying Party (Issue By DoDAAC)	SF	Ship From
C4	Contract Administration Office (Admin DoDAAC)	ST	Ship To
L1	Inspection Location (Inspect By DoDAAC)	SV	Service Performance Site – Not used on MOCAS
PO	To Receive Invoice Goods/Services (LPO)	Z7	Mark for Party
PR	Payer (Pay DoDAAC)		
SE	Selling Party (Cage of Vendor)		
KZ	Acceptance Location		

1.17 N2 Segment – Additional Name, Pos. 230 Detail

NOTE: There may be 0 - 1 instances of N2 per N1 Loop for WAWF.

WAWF only accepts N2 in the Address Loop (HL03 = V).

Refer to Address rules for WAWF, noted in N1 Segment.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
N201	Name – free form	93	1/60	O	Name Activity 2	AN
N202	Name – free form	93	1/60	O	Activity 3	

Sample: N2^Admin Activity

1.18 N3 Segment – Address Information, Pos. 240 Detail

NOTE: WAWF only accepts N3 in the Address Loop (HL03 = V).

WAWF only accepts one or two iterations of the N3 for each N1 Loop.

Refer to Address rules for WAWF, noted in N1 Segment.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
N301	Address Information	166	1/55	O		AN
N302	Address Information	166	1/55	O		AN

Sample: N3^Address Line One^Address Line Two

1.19 N4 Segment – Geographic Information, Pos. 250 Detail

NOTE: There may be 0 - 1 occurrences of N4 per N1 Loop.

WAWF only accepts N4 in the Address Loop (HL03 = V).

Refer to Address rules for WAWF, noted in N1 Segment.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
N401	City Name	19	2/30	O		AN
N402	State or Province Code	156	2/2	O		ID
N403	Postal Code	116	3/15	O	If the Ship To Address is an APO or FPO, then cite the APO or FPO Zip Code.	ID
N404	Country Code	26	2/3	O		ID
N405	Location Qualifier	309	2/2	O	Enter AR for Armed Service Location Designator (for APO/FPO).	ID
N406	Location Identifier	310	2/2	O	Enter 2 letter APO/FPO code (i.e. AA, AE, or AP) AA Miami AE New York AP San Francisco	AN

Sample: N4^Columbus^OH^43212

Sample: N4^^^96612-2872^^AR^AP (i.e. Ship Address: USS ABRAHAM LINCOLN CVN 72 FPO AP 96612-2872)

N405 - Location Identifier

AR Armed Service Location Destination (Use to indicate an APO or an FPO)

NOTE: If an APO/FPO Address is being entered, the Vendor must enter the information (noted above in notes section) in the N403, N405, and N406.

1.20 PER Segment – Administrative Communications Contact, Pos. 270 Detail

NOTE: PER is mandatory for WAWF.

There must be 1 occurrence of PER.

WAWF only accepts PER in the Address Loop (HL03 = V).

PER must be entered as part of the N1 Loop for SE (Selling Party) code to identify user-submitting transaction – User ID.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
PER01	Contact Function Code	366	2/2	M	See list below	ID
PER02	Name	93	2/30	M	The User ID received upon registration into WAWF. The initiator must be registered in WAWF.	AN

Sample: PER^IC^PSKJ2400

Notes:

- WAWF will ignore codes other than the one for PER01 (“IC”) noted below.
- WAWF rejects the transaction if PER02 is not provided.
- PER02 is the User ID issued to the user upon registration into WAWF.

PER01 - Contact Function Code

IC Information Contact

1.21 SDQ Segment – Destination Quantity, Pos. 290

NOTE: This segment is only used when HL03 = P. This segment can repeat >1 times, maximum of 25 instances in WAWF to report multiple CLINS if necessary with pack data.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
SDQ01	Unit or Basis for Measurement Code	355	2/2	M	ZZ	ID
SDQ02	ID Code Qualifier	66	1/2	O	Not used.	ID
SDQ03	ID Code	67	2/80	O	Use in 2/HL/10 RFID Content/Quantity loop to associate CLIN/SubCLIN/ELIN with the RFID tag value identified in the parent RFID loop Need to verify if above note from the IC applies to WAWF (ELIN)	AN
SDQ04	Quantity	380	1/11	O	Qty of CLIN/SUB-CLIN noted in SDQ03.	R8.2
SDQ05	ID Code	67	2/80	O		AN
SDQ06	Quantity	380	1/11	O		R8.2
SDQ07	ID Code	67	2/80	O		AN
SDQ08	Quantity	380	1/11	O		R8.2
SDQ09	ID Code	67	2/80	O		AN
SDQ10	Quantity	380	1/11	O		R8.2
SDQ11	ID Code	67	2/80	O		AN
SDQ12	Quantity	380	1/11	O		R8.2
SDQ13	ID Code	67	2/80	O		AN
SDQ14	Quantity	380	1/11	O		R8.2
SDQ15	ID Code	67	2/80	O		AN
SDQ16	Quantity	380	1/11	O		R8.2
SDQ17	ID Code	67	2/80	O		AN
SDQ18	Quantity	380	1/11	O		R8.2
SDQ19	ID Code	67	2/80	O		AN
SDQ20	Quantity	380	1/11	O		R8.2
SDQ21	ID Code	67	2/80	O		AN
SDQ22	Quantity	380	1/11	O		R8.2
SDQ23	Location Identifier	310	1/30	O		AN

Sample:: SDQ^ZZ^^0001^2

To report multiple CLINs exceeding the size of one SDQ segment:

SDQ^ZZ^^0001^2^0002^3^0003^4^0004^5^0005^6^0006^3^0007^4^0008^2^0009^2^0010^3

SDQ^ZZ^^0011^2^0012^2^0013^2^0014^2^0015^2^0016^2^00017^2^0018^2^0019^2^0020^2

1.22 CUR Segment – Currency, Pos. 310 – Detail

NOTE: There may be 0 - 1 instances of CUR segment per transaction for WAWF.

WAWF only accepts the CUR segment in the Shipment Loop (HL03 = S).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
CUR01	Entity ID Code	98	2/3	M	BY – Buying Party (Purchaser)	ID
CUR02	Currency Code	100	3/3	M		AN

Sample: CUR^BY^EUR

1.23 SAC Segment – Service, Promotion, Allowance or Charge Information, Pos. 320 Detail

NOTE: There may be 0 - 1 instances of SAC per transaction for WAWF.

WAWF only accepts SAC in the Shipment Loop (HL03 = S).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
SAC01	N = No charge or Allowance	248	1/1	O	WAWF will always use "N."	ID
SAC02	Service Promotion Allowance or Charge Code	1300	4/4	C	See list below	ID

Sample: SAC^N^B020

Notes:

- WAWF requires that Vendor agrees to statement in attachment (COC.doc): on: the WAWF home page when submitting data, where COC applies.
- WAWF will ignore SAC data with codes other than the one bolded below.
- SAC01 only allows for "N". WAWF will generate a message to the Vendor telling them that the Field was ignored upon save if any other characters is sent in the SAC01.
- COC is only allowed for Source/Source and Source/Destination Documents. This Field is not allowed on Destination/Destination Documents.

SAC02 - Service, Promotion, Allowance, or Charge Code

B020 Certificate of Conformance

WAWF Payment System Edit Notes:

- MOCAS, CAPS-C/D/W, SAMMS-BSM, ONE-PAY, IAPS/IAPS-E
- COC is optional for Receiving Reports. Attachments are not required.

1.24 LM Segment – Code Source Information, Pos. 340 Detail

NOTE: There must be 1 instance of LM in the Shipment Loop per transaction.

This is used in Shipment Loop to identify, as applicable, shipping information pertinent to the whole shipment.

This is used in Line Item Loops when ship advice codes vary by Line Item.

WAWF only accepts LM in the Shipment Loop (HL03 = S) and Line Item Loop (HL03 = I).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
LM01	Agency Qualifier Code	559	2/2	M	See list below	ID
LM02	Source Sub Qualifier	882	N/A	N/A	Not used.	

Sample: LM^DF

Notes:

- WAWF will ignore LM data with codes other than the one below.
- WAWF will ignore LM02 data.

LM01 - Agency Qualifier Code

DF Department of Defense (DoD)

1.25 LQ Segment – Industry Code, Pos. 350 Detail

LOOP ID: LM

This is an internal Loop of HL Loop

NOTE: There must be 2 instances of LQ per LM Loop at the shipment level, LQ01 = 7 or 8 and LQ02 = S or D.

This is required for MOCAS at the shipment level.

WAWF only accepts LM/LQ in the Shipment Loop (HL03 = S) and Line Item Loop (HL03 = I).

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
LQ01	Code List Qualifier Code	1270	1/2	O	See list below	ID
LQ02	Industry Code	1271	1/1	O	See list below	AN

Sample: LQ^6^E

Notes:

- WAWF only accepts LQ01 = “7” or “8” in the Shipment Loop (HL03 = S).
- WAWF will not accept the combination of LQ01 = 7 and LQ02 = D and LQ01 = 8 and LQ02 = S.
- WAWF only accepts LQ01 = “6” or “14” in the Line Item Loop (HL03 = I). If LQ is “6”, then LQ02 is “E.”
- WAWF will ignore any other codes than those listed below.
- WAWF industry codes for LQ02 are listed below. Please refer to definitions below:

LQ01 - Code List Qualifier Code**Shipment Level**

7 Quality Assurance Site Code (S Loop)

8 Acceptance Site Code (S Loop)

Detail Level

6 Special Contract Provision Code (LIN Loop)

14 Contract Shipment Advice Code (LIN Loop)

LQ02 - Industry Codes**Shipment Level**

D Destination (7 or 8)

S Origin/Source (7 or 8)

Detail Level

E Government Furnished Property (6)

A Components Missing (14)

B Missing Components Furnished (14)

C Quantity Increase (14)

D Quantity Decrease (14)

E Replacement (14)

F Shipped and held in bond at contractor's plant (14)

G Shipped and held as GFP (14)

H Shipped/Performed as Required (14)

Z Underrun Quantity (14)

Notes:

- To indicate an item is Shipped in Place at the contractor facility and GFE/P Is NOT incorporated into the shipment use:
 - LQ01 = 14 and LQ02 = G
- To indicate an item is Shipped in Place at the contractor facility and GFE/P is Incorporated into the shipment use:
 - LQ01=6 and LQ02 = E and LQ01 = 14 and LQ02 = G
- To indicate GFE/P has been incorporated in the shipment use:
 - LQ01 = 6 and LQ02 = E

WAWF Payment System Edit Notes:

MOCAS, CAPS-C/D/W, ONE-PAY, IAPS/IAPS-E, SAMMS/BSM: Can be Source/Source, Source/Destination, or Destination/Destination. These are mandatory for Receiving Reports.

1.26 SE Segment – Transaction Set Trailer, Pos. 020 Summary

NOTE: There must be 1 instance of SE per transaction.

<i>Segment</i>	<i>Description</i>	<i>Element</i>	<i>WAWF Min/Max</i>	<i>WAWF Req.</i>	<i>WAWF Notes</i>	<i>Type</i>
SE01	Number of Included Segments	96	1/10	M	Total number of segments, including ST and SE	N0
SE02	Transaction Set Control Number	329	4/9	M	Same number as in ST02	AN

Sample: SE^250^0012